







Comment	Description	Designator	Footprint	LibRef	Quantity
1uF	50V 1uF X7R ±10% 0603 Multilayer Ceramic Capacitors MLCC - SMD/SMT ROHS	C1, C2, C3	C0603	C0603_MLCC_1uF_X7R_50V	3
JUMPER	250V 3A Through Hole Pin Header 2.5mm 3P 6mm -40°C~+105°C 3mm 2.54mm 1 Black 1x3P Through Hole,P=2.54mm Pin Headers ROHS	J1	JUMPER_SHUNT_3P	JUMPER_SHUNT_3P	1
1x3P, Male	3P 1x3P XH Tin - 25°C~+85°C White 2.5mm 250V 3 3A 1 Right Angle Through Hole,Right Angle,P=2.5mm Headers, Male Pins ROHS	JP1	JST S3B-XH-A(LF)(SN)	JST S3B-XH-A(LF)(SN)	1
1x7P, Male	7P 1x7P XH Tin - 25°C~+85°C White 2.5mm 250V 7 3A 1 Right Angle Through Hole,Right Angle,P=2.5mm Headers, Male Pins ROHS	JP2	S7B-XH-A(LF)(SN)	JST S7B-XH-A(LF)(SN)	1
2.2kΩ	100mW 2.2kΩ 75V ±100ppm/°C Thick Film Resistor ±1% 0603 Chip Resistor - Surface Mount ROHS	R1, R5	R0603	R0603_2.2KΩ_±1%	2
120Ω	100mW 120Ω 75V ±100ppm/°C Thick Film Resistor ±1% 0603 Chip Resistor - Surface Mount ROHS	R2, R3, R4	R0603	R0603_120Ω_±1%	3
10kΩ	100mW Thick Film Resistor 75V ±100ppm/°C ±1% 10kΩ 0603 Chip Resistor - Surface Mount ROHS	R6	R0603	R0603_10kΩ_±1%	1
330Ω	100mW Thick Film Resistor 75V ±100ppm/°C ±1% 330Ω 0603 Chip Resistor - Surface Mount ROHS	R7	R0603	R0603_330Ω_±1%	1
ISO7721DR_SOIC8	100Mbps SOIC-8 Digital Isolators ROHS	U1	SOIC-8	ISO7721DR_SOIC8	1
SP3485EN_SOIC8	Transceiver 32 Half- Duplex 3.3V SOIC-8 Drivers, Receivers, Transceivers ROHS	U2	SOIC-8	SP3485EN-L/TR_SOIC8	1
PC817CS	50mA 200mV@1mA,20mA 80V 6V 1.2V DC SOP-4 Transistor, Photovoltaic Output Optoisolators ROHS	U3	SOP-4	PC817CS	1